

**SECTION I MATERIAL IDENTIFICATION**

**Material Name: Midnight Black**

**CAS NO:**

Metal Finishes PLUS                      Emergency Phone # CHEMTREC 1-800-424-9300  
530 East 28<sup>th</sup> Street Tucson, AZ 85713      Date Prepared 1-1-2004  
Phone # 520-623-1221

**SECTION II HAZARDS**

<b>Ingredient Name:</b>	<b>CAS NUMBER:</b>	<b>Weight %</b>	<b>Exposure Limits</b>
<b>Ammonium Molybdate</b>	<b>13106-76-8</b>	<b>&lt; 1</b>	<b>5 mg/m3 *</b>
<b>Selenious Dioxide</b>	<b>7446-08-4</b>	<b>&lt;1</b>	<b>.2 mg/m3 **</b>
<b>Copper Sulfate</b>	<b>7758-99-8</b>	<b>&lt;4</b>	<b>1 mg/m3 ***</b>
<b>Phosphoric Acid</b>	<b>7664-38-2</b>	<b>&lt;1</b>	<b>1 mg/m3 ****</b>

\* (OSHA as Mo) \*\* (OSHA as Se) \*\*\* (OSHA as a dust) \*\*\*\* (STEL as H3PO4)

**SECTION III PHYSICAL DATA**

<b>Appearance &amp; Odor</b>	<b>Blue liquid, no odor</b>
<b>Boiling Point: &gt;212 F</b>	<b>Evaporation Rate: (Ethyl Ether-1) &lt;1</b>
<b>Vapor Pressure: No Data</b>	<b>Specific Gravity: (water =1) 1-2</b>
<b>Water Solubility: Complete</b>	<b>Melting Point: N/A</b>
<b>Vapor Density (water=1): &lt;1</b>	<b>% Volatile by Volume: None</b>

**SECTION IV FIRE AND EXPLOSION DATA**

**Flash Point: N/A**  
**Limits: LEL % :**  
**UEL % :**  
**Extinguishing Media: Water, CO2, Foam Dry Chemical**

**SECTION V REACTIVITY DATA**

**Chemical Incompatibility: Do Not Mix With Alkali, cyanide, strong corrosive to metals**

**SECTION VI HEALTH HAZARD INFORMATION**

**Target Organs: Eyes, Skin, Internal Organs**  
**Primary Entry Route(s): eyes, skin, Inhalation, Ingestion**  
**First Aid; Eye Contact; Flush eyes with water for minimum 15 minutes, seek medical Assistance**  
**Skin Contact; Wash with soapy water minimum of 15 minutes, seek medical Assistance**  
**First Aid; Ingestion: If victim is conscious, DO NOT induce vomiting, seek medical assistance**

**Health Hazard: Irritating and may cause burns to eyes and skin, irritating and may cause burns to gastrointestinal tract, may cause nausea, vomiting, abdominal pain and difficulty breathing**

**Signs/Symptom of Exposure: Eyes; Irritation and possible burns on direct contact**

**Skin: Irritation and possible rash**

**Ingestion; Irritation and possible burns to gastrointestinal tract. May include vomiting, nausea, throat irritation, abdominal pains, or difficulty breathing**

#### SECTION VII SPILL < LEAK AND DISPOSAL PROCEDURES

**Spill/Leak Procedures: Wear protective gloves and clothing. Recover as much liquid as possible in an acid resistant container. Use absorbent to recover residue.**

**Disposal: Consult local, state and federal regulations. Use a licensed waste disposal company to dispose of unwanted product.**

#### SECTION VIII SPECIAL PROTECTION INFORMATION

**Personal Protective Equipment:**

**Eye Protection wear safety glasses or face shield**

**Gloves: wear rubber or neoprene gloves**

**Respirator: Air supplied respirator, or self contained breathing apparatus**

**Workplace Considerations: do not store near alkalis**

**Ventilation: This product does not produce fumes and therefore no ventilation is required.**

**If the product is used in a fashion that will produce mists or aerosols, then ventilation and a respirator is required**

#### SECTION IX SPECIAL PRECAUTIONS

**Special Handling and Storage: Do not store near cyanides, or alkali. Store in original container.**

#### DISCLAIMER OF LIABILITY

The information provided is based on data furnished to us by our suppliers or determined by us in our facilities at the time this product was formulated. Although believed by us to be reliable, this information and products are intended for use by skilled persons at their own risk. Users should make their own determinations as to the suitability of the product for their own particular use or purpose. NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS IMPLIED REGARDING THE ACCURACY OF COMPLETENESS OF THIS INFORMATION. Seller assumes no responsibility for the events resulting or damages incurred from the use of this product